



Patent  
Attorney's Docket No. 001560-336

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
)  
Norio INOMATA et al. )  
)  
Application No.: 09/171,928 )  
)  
Filed: October 5, 1998 )  
)  
For: PHARMACEUTICAL )  
COMPOSITION FOR TREATMENT )  
OF HEART DISEASE BASED ON )  
CARDIAC HYPERTROPHY )

Group Art Unit: 1654

Examiner: BORIN

#24 / D  
Plunkett  
7/31/02

TECH CENTER 1600/2900

JUL 29 2002

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**REPLY AND AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In complete response to the Office Action mailed January 25, 2002, please amend  
the above-identified application as follows.

**IN THE CLAIMS:**

Kindly delete claims 12-14 without prejudice or disclaimer.

Kindly replace claims 6, 22 and 23 as follows.

6. (Thrice Amended) A method for treatment of cardiac hypertrophy by  
reducing heart weight, wherein said reduction of heart weight is not based on diuretic and  
hypotensive effects, comprising continuously administering a substance that acts on  
guanylyl cyclase A natriuretic peptide receptor and is able to accelerate production of cyclic  
guanosine monophosphate, to a subject in need of such treatment in an amount effective for



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Norio INOMATA et al. ) Group Art Unit: 1631  
Application No.: 09/171,928 ) Examiner: Michael L. Borin  
Filed: October 5, 1998 ) Confirmation No.: 8658  
For: PHARMACEUTICAL COMPOSITION )  
FOR TREATMENT OF HEART )  
DISEASE BASED ON CARDIAC )  
HYPERTROPHY )

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AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☒ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and a check for ☐ \$55.00 (248) ☐ \$110.00 (148) to cover the requisite Government fee are also enclosed.
- ☐ Also enclosed is \_\_\_\_\_
- ☐ Small entity status is hereby claimed.
- 
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$370.00 (279) ☐ \$740.00 (179) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted \_\_, on \_\_, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least \_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- ☒ No additional claim fee is required.

☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims		MINUS =		× \$18.00 (103) =	
Independent Claims		MINUS =		× \$84.00 (102) =	
If Amendment adds multiple dependent claims, add \$280.00 (104)					
Total Amendment Fee					
If small entity status is claimed, subtract 50% of Total Amendment Fee					
<b>TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT</b>					

☐ A claim fee in the amount of \$\_\_\_\_\_ is enclosed.

☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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By

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Date: July 25, 2002